

Work Order ID 71048

Tuesday, June 21, 2011 1:28:43 PM

Page 1

Item ID: D206-642-412BL

Accept

Setup Start

Revision ID:

Stop

Item Name: Skidtube RH, Blue

Start Date: 6/21/2011 Start Qty: 1.00

Cust Item ID:

Required Date: 7/8/2011 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

Date: 11-06-21

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

100



DC

Document Control

DOCUMENT CONTROL

0.00

Memo

0.00

Photocopy bluefile and create labels per PPP D206-642-412 CHG006

110



Packaging

Packaging

Pick Kit

0.00

Memo

0.00

120



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

Memo

0.00

B71052

11 07 28 ①
for B6 11-7-28

11/7/25

11 07 28 ①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval. QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D206-642-412BL

Accept



Setup Start



Revision ID:

Stop



Item Name: Skidtube RH, Blue

Start Date: 6/21/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 7/8/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-642-412								
	Location: _____								
	PPP Rev: _____								
140		0.00							
	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

4/17/2011

11/17/2011

11-07-28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

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Page 1

Work Order ID: 71048

Parent Item: D206-642-412BL

Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 11.03.22 added route seq DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN3-41A Bolt		Purchased	No			110	Each	235.0000	8	8			
-----------------	--	-----------	----	--	--	-----	------	----------	---	---	--	--	--

Location	Loc Qty	Loc Code
----------	---------	----------

ST354	235	
116191	200	
117794	35	

AN4-6A Bolt		Purchased	No			110	Each	1,142.000	12	12			
----------------	--	-----------	----	--	--	-----	------	-----------	----	----	--	--	--

Location	Loc Qty	Loc Code
----------	---------	----------

ST356	942	
116400	342	
116924	400	
117872	200	
ST358	200	
117514	200	

AN4C5A BOLT		Purchased	No			110	Each	515.0000	1	1			
----------------	--	-----------	----	--	--	-----	------	----------	---	---	--	--	--

Location	Loc Qty	Loc Code
----------	---------	----------

FP-B	110	
112243	110	
ST345	405	
112243	405	

W/O:		WORK ORDER CHANGES					
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Work Order ID: 71048

Parent Item: D206-642-412BL

Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

Required Qty: 1.00

AN5-11A
Bolt

Purchased No

110 Each 62.0000

8 8

Location

Loc Qty

Loc Code

ST337

62

117313

62

AN5-12A
Bolt

Purchased No

110 Each 62.0000

4 4

Location

Loc Qty

Loc Code

ST338

62

112314

12

117313

50

AN5-13A
Bolt

Purchased No

110 Each 52.0000

4 4

Location

Loc Qty

Loc Code

MEZZ

52

116003

52

AN960C416

NAS1149C0463

Purchased No

110 Each 0.0000

1 1

washer

AN960JD10

NAS1149D0363J

Purchased No

110 Each 0.0000

8 8

Washer

AN960JD416

NAS1149D0463J

Purchased No

110 Each 0.0000

24 24

Washer

Washer

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 71048

Parent Item: D206-642-412BL

Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

Required Qty: 1.00

AN960JD516 NAS1149D0563J Purchased No

110 Each 0.0000

8 8

Washer

D206-642-441 Manufactured No

110 Each 5.0000

1

Replacement Skidtube

Location

Loc Qty

Loc Code

FG080

5

24739

1

30265

1

30940

1

31066

1

35469

1

D206-648-013 Manufactured No

110 Each 8.0000

1

GHW Modification

Location

Loc Qty

Loc Code

FG120

8

68347

4

69933

2

70889

2

ATT: BLUE LUG

D2652 Manufactured No

110 Each 264.0000

16

Bushing

Location

Loc Qty

Loc Code

FG

44

31985

44

ST019

220

68102

200

68941

20

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 71048

Parent Item: D206-642-412BL

Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

Required Qty: 1.00

D2712



Set Screw

Manufactured No

110

Each

281.0000

10

10

Location

Loc Qty

Loc Code

FG

50

29962

50

ST012

231

66955

231

Manufactured No

110

Each

6.0000

1

1

Location

Loc Qty

Loc Code

ST421

3

67253

3

ST428

3

69027

3

ATT: BLUE

D2933-2



Saddle RH In, 206

Manufactured No

110

Each

4.0000

1

1

Location

Loc Qty

Loc Code

ST421

2

67254

2

ST428

2

69029

2

ATT: BLUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval. QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 71048

Parent Item: D206-642-412BL

Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

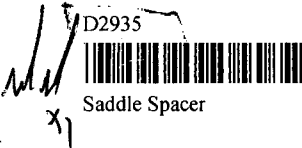
Required Qty: 1.00



Manufactured No 110 Each 44.0000

1 2 2
[Barcode] *sf*

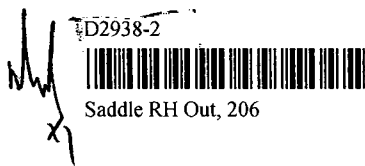
Location	Loc Qty	Loc Code
FG	6	
31929	6	
ST027	38	
67585	10	
69745	28	



Manufactured No 110 Each 34.0000

2 2
[Barcode] *11/7/25 sf*

Location	Loc Qty	Loc Code
ST027	34	
66564	34	



Manufactured No 110 Each 3.0000

1 1
[Barcode] *B71059 11/7/27 sf*

Location	Loc Qty	Loc Code
ST421	2	
67255	2	
ST428A	1	
69036	1	

ATT: BLUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 71048

Parent Item: D206-642-412BL

Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

Required Qty: 1.00

D2939-2

Manufactured No

110 Each

4.0000

Saddle RH In, 206

Location

Loc Qty

Loc Code

ST421

2

67256

2

ST428A

2

69031

2

ATT: BLUE

D3407-043

Manufactured No

110 Each

14.0000

Tow Ring

Location

Loc Qty

Loc Code

ST464

14

68339

2

69540

12

ATT: BLUE

D3413-1

Manufactured No

110 Each

19.0000

Ring

Location

Loc Qty

Loc Code

ST420

15

62961

8

66387

7

ST473

4

66945

4

ATT: BLUE

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Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 71048

Parent Item: D206-642-412BL

Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

Required Qty: 1.00

D3456-1

Washer

Manufactured No

110 Each

45.0000

1 1

1



B71033

[Handwritten signature]

Location

Loc Qty

Loc Code

FG	7	
25701	7	
ST054	38	
66848	3	
69774	35	

D3457-1

Washer

Manufactured No

110 Each

18.0000

1 2

2



B70714

[Handwritten signature]

Location

Loc Qty

Loc Code

FG	10	
32409	10	
ST054	8	
67779	8	

MS21042L3

Nut

Purchased No

110 Each

2,049.000

1 8

8



117122

[Handwritten signature]

Location

Loc Qty

Loc Code

ST300	2049	
116549	349	
117441	800	
117601	400	
117885	500	

8

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Tuesday, June 21, 2011 1:28:56 PM

Work Order ID: 71048



Parent Item: D206-642-412BL



Parent Item Name: Skidtube RH, Blue

Start Date: 6/21/2011

Required Date: 7/8/2011

Start Qty: 1.00

Required Qty: 1.00

MS21042L4



Nut

Purchased

No

110

Each

4,805.000

12

12



Location

Loc Qty

Loc Code

ST300

4805

117441

2511

117601

794

117885

1500

12

MS21043-4



Nut

Purchased

No

110

Each

1,058.000

1

1



Location

Loc Qty

Loc Code

FG

40

104603

40

ST300

18

117423

18

ST301

1000

117601

500

117793

500

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.6 206L/L-1/L-3/L-4 HIGH GEAR SKIDTUBES

Item	Qty -411	Qty -412	Qty -441	Qty -447	Qty -013	Part Number	Description
	X					D206-642-411	SKIDTUBE INSTALLATION, LH
		X				D206-642-412	SKIDTUBE INSTALLATION, RH
1	1	1	X			D206-642-441	SKIDTUBE
				X		D206-642-447	WEARSHOE KIT (REPLACES -443)
	1	1			X	D206-648-013	GROUND HANDLING KIT
1			1			D2650-7	SKIDTUBE ASSEMBLY
2A			22			D2651-1	* PLUG ⁽¹⁾
2B			22			D2651-3	* O-RING ⁽¹⁾
3			1			D2646	* AFT CAP ⁽¹⁾
4			2			MS27039-1-08	* SCREW ⁽¹⁾
5			2			AN960JD10L	* WASHER ⁽¹⁾
6	1					D2932-1	SADDLE, FWD OUT, LH
6		1				D2932-2	SADDLE, FWD OUT, RH
7	1					D2933-1	SADDLE, FWD IN, LH
7		1				D2933-2	SADDLE, FWD IN, RH
8	1					D2938-1	SADDLE, AFT OUT, LH
8		1				D2938-2	SADDLE, AFT OUT, RH
9	1					D2939-1	SADDLE, AFT IN, LH
9						D2939-2	SADDLE, AFT IN, RH
10	8	8				AN3-41A	* BOLT
11	16	16				D2652	BUSHING
12A	8	8				MS21042-3	* NUT (OR MS21042L3)
12B	8	8				AN960JD10	WASHER
13	4	4				AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
14	4	4				AN5-11A (OR AN5-13A)	* BOLT ⁽²⁾
15	8	8				AN960JD516	WASHER
16	12	12				AN4-6A	* BOLT
17	24	24				AN960JD416	WASHER
18	12	12				MS21042-4	NUT (OR MS21042L4)
20A			6	6		D3537-1	WEARPAD (REPLACES D2648-3)
21A			1	1		D3537-3	WEARPAD (REPLACES D3429-1)
22A			1	1		D3535-15	WEARSHOE (REPLACES D2656-15)
22B			1	1		D3536-15	GASKET
23A			1	1		D3535-23	WEARSHOE (REPLACES D2656-23)
23B			1	1		D3536-23	GASKET
24A			1	1		D3535-37	WEARSHOE (REPLACES D2656-37)
24B			1	1		D3536-37	GASKET
26A			60	60		MS27039C1-08	SCREW
26B			60	60		AN960JD10L	WASHER
26C			60			ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1				D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
31	1	1				D3456-1	WASHER
32	1	1				D3457-1	WASHER
33	1	1				MS21043-4	NUT
34	1	1				AN4C5A	* BOLT
35	1	1				AN960C416	* WASHER
36	1	1				D3413-1	RING (REPLACES D2655)
37	10	10				D2712	SET SCREW
38	2	2				D2934	SADDLE SPACER
39	2	2				D2935	SADDLE SPACER
40					2	D3414-041	LUG ASSEMBLY (REPLACES D2659)
41					4	AN3C37A	BOLT
42					8	D2652	BUSHING
43					4	MS21043-3	NUT
44					4	AN960C10	WASHER

NOTES: ⁽¹⁾ DENOTES THAT PART IS INCLUDED WITH D2650-7 ASSEMBLY ABOVE
⁽²⁾ CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

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Revision: N
Date: 09.09.09